



PATENT
Docket No. 310.00370101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Liu et al.) Group Art Unit: 1743
Serial No.: 10/673,538)
Confirmation No.: 1846)
Examiner: Wallenhorst)
Filed: 29 September 2003)
For: METHODS AND KITS FOR THE DETECTION OF ERYTHROCYTES)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Per M.P.E.P. § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. Pursuant to the provisions of M.P.E.P. § 609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Since this Information Disclosure Statement is submitted after the receipt of an Office Action in the above-identified patent application, please charge the \$180 fee under 37 C.F.R. §§ 1.97(c) and 1.17(p) and any additional fees to Deposit Account No. 13-4895.

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

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CERTIFICATE UNDER 37 C.F.R. 1.10:

The undersigned hereby certifies that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


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Respectfully submitted for
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**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,563,071	10/08/96	Augurt			
	5,665,308	09/09/97	Watanabe			
	5,702,913	12/30/97	Guadagno			
	5,840,584	11/24/98	Waldenburg			
	5,922,544	07/13/99	Miyai et al.			
	6,207,113	03/27/01	Kagaya			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	NONE						

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
	X	Ahlquist et al. "Accuracy of fecal occult blood screening for colorectal neoplasia. A prospective study using Hemoccult and HemoQuant tests" <i>JAMA</i> 1993;269(10):1262-67.
	X	Ahlquist, "Approach to the patient with occult gastrointestinal bleeding:" In: Yamada ed. <i>Textbook of gastroenterology</i> , 2(1) Philadelphia J.B. Lippincott, 1995;699-717.
	X	Ahlquist et al. "Patterns of occult bleeding in asymptomatic colorectal cancer." <i>Cancer</i> 1989;63:1826-30
	X	Allison et al. "A comparison of fecal occult-blood tests for colorectal-cancer screening." <i>N Engl J Med</i> 1996;334(3):155-9.

EXAMINER	Date Considered
<p>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

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	X	Ames et al. "Cerebral ischemia. II. The no-reflow phenomenon" <i>Am J Pathol</i> 1968;52:437-53.
	X	Bederson et al. "Evaluation of 2, 3, 5-Triphenyltetrazolium Chloride as a Stain for Detection and Quantification of Experimental Cerebral Infarction in Rats" <i>Stroke</i> 1986;17(6):1304-8.
	X	Byers et al., American Cancer Society guidelines for screening and surveillance for early detection of colorectal polyps and cancer. Update 1997. <i>CA Cancer J Clin</i> 1997;47(3):154-60
	X	Clancy et al. "Reduction of background autofluorescence in brain sections following immersion in sodium borohydride." <i>J Neurosci Methods</i> 1998;83:97-102.
	X	Czurkó et al. "'Collapsed' (argyrophilic, dark) neurons in rat model of transient focal cerebral ischemia" <i>Neurosci Lett</i> . 1993;162:71-4.
	X	Eisner et al. "Diagnostic yield of a positive fecal occult blood test found on digital rectal examination. Does the finger count?" <i>Arch Intern Med</i> 1991;151:2180-4.
	X	Ferrucci, Joseph T., "Colonoscopy and barium enema: radiologist's response." <i>Gastroenterology</i> 1997;112(1):294-7.
	X	Fleisher et al. "Accuracy of fecal occult blood test interpretation." <i>Ann Intern Med</i> 1991;114(10):875-6.
	X	Gouterman, Martin, "Optical Spectra and Electronic Structure of Porphyrins and Related Rings," <i>The Porphyrins, vol III</i> , New York:Academic Press 1978; title page, pgs. 1-165.
	X	"Hemoccult fecal blood test" datasheet [online]. Beckman Coulter, Inc. Fullerton, CA, [retrieved on 2005-09-22]. Retrieved from the Internet:<URL: www.beckman.com/products/RapidTestKits/hemoccult.asp >; 3 pgs.
	X	Hermann et al. "Relationship between metabolic dysfunctions, gene responses and delayed cell death after mild focal cerebral ischemia in mice." <i>Neuroscience</i> 2001;104(4):947-955

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	X	Kalimo et al. "Structural aspects of ischemic brain damage" <i>Acta Neurochir Suppl</i> (Wien) 1986;36,129-32.
	X	Lang et al. "Fecal occult blood screening for colorectal cancer. Is mortality reduced by chance selection for screening colonoscopy?" <i>JAMA</i> 1994;271(13):1011-3.
	X	Lide, ed., <i>CRC Handbook of Chemistry and Physics</i> , Boca Raton, Florida 1999; cover page, title page and table of contents, 8-21 – 8-31.
	X	Liu et al. "Direct Visualization of Trapped Erythrocytes in Rat Brain After Focal Ischemia and Reperfusion" <i>J. Of Cerebral Blood Flow & Metabolism</i> 2002;22:1222-1230
	X	Liu et al. "Visualization of the early "no-reflow phenomenon" in rats subjected to focal cerebral ischemia and reperfusion" <i>Society for Neuroscience Abstracts</i> 2001;27(1):1157. Abstract Only.
	X	Longa et al. "Reversible Middle Cerebral Artery Occlusion Without Craniectomy in Rats" <i>Stroke</i> 1989;20(1):84-91.
	X	Mandel et al. "Colorectal Cancer Mortality: Effectiveness of Biennial Screening for Fecal Occult Blood" <i>J of the National Cancer Institute</i> 1999;91(5):434-7.
	X	Mandel et al. "Reducing mortality from colorectal cancer by screening for fecal occult blood" <i>N Engl J Med</i> 1993;328(19):1365-71.
	X	Onizuka et al. "Early cytopathic features in rat ischemia model and reconstruction by neural graft." <i>Exp Neurol</i> 1996;137(2), 324-32.
	X	"Package Insert EZ Detect Product" datasheet [online]. Test Medical Symptoms @ Home, Inc., Maria Stein, OH [retrieved on 2005-09-22]. Retrieved from the Internet:<URL: www.testsymptomsathome.com/BII01_package_insert.asp >; 7 pgs.
	X	Petito et al. "DNA fragmentation follows delayed neuronal death in CA1 neurons exposed to transient global ischemia in the rat." <i>J Cereb Blood Flow Metab</i> 1997;17(9):967-976.

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	X	Radovsky et al. "Ischemic neurons in rat brains after 6, 8, or 10 minutes of transient hypoxic ischemia." <i>Toxicol Pathol</i> 1997;25(5):500-5.
	X	Rex et al. "Relative sensitivity of colonoscopy and barium enema for detection of colorectal cancer in clinical practice." <i>Gastroenterology</i> 1997;112(1):17-23
	X	Rockey et al. "Relative frequency of upper gastrointestinal and colonic lesions in patients with positive fecal occult-blood tests." <i>N Engl J Med</i> 1998;339(3):153-9.
	X	Rockey et al. "Detection of Upper Gastrointestinal Blood with Fecal Occult Blood Tests" <i>Am. J. Gastroenterol</i> 1999;94(2):344-50
	X	Schwartz et al. "The "HemoQuant" test: a specific and quantitative determination of heme (hemoglobin) in feces and other materials." <i>Clin Chem</i> 1983;29(12):2061-7.
	X	Stroehlein et al., "Hemoccult detection of fecal occult blood quantitated by radioassay." <i>Am J Dig Dis</i> 1976;21:841-44.
	X	Tanaka et al. "Induction of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) expression in rat brain after focal ischemia/reperfusion" <i>Journal of Cerebral Blood Flow and Metabolism</i> 2002;22(3):280-8.
	X	United States Preventive Services Task Force. Guide to Clinical Preventive Services, 2 nd ed, Williams & Wilkins, Baltimore 1996. Title Page and Table of Contents.
	X	University of Alberta Laboratory Chemical Safety Manual. February 2003. Cover Page, Table of Contents, pages 47-48.
	X	Waye, Jerome T., "What is a gold standard for colon polyps?" <i>Gastroenterology</i> 1997;112:292-4.
	X	Winawer et al. "Prevention of colorectal cancer: Guidelines based on new data." <i>Bull World Health Organ</i> 1995; 73(1):7-10.

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